# ISO CD Ballot Results
# for ISO 10303-0035
# Conformance testing methodology and framework: Abstract test methods
# for standard data access interface implementations

The ballot was circulated among SC4 members for its vote on 2001-06-15. 13 of our 18 P-members responded to the ballot:

| COUNTRY | VOTE | COMMENTS |
|---|---|---|
| Australia | Y | |
| Canada | | |
| China | Y | |
| Czech Republic | | |
| France | Y | |
| Germany | | |
| Italy | A | |
| Japan | Y | |
| Korea | Y | |
| Netherlands | A | |
| Norway | Y | Attached |
| Portugal | Y | |
| Russia | | |
| Spain | | |
| Sweden | Y | |
| Switzerland | Y | |
| United Kingdom | A | |
| United States | A | |

The SC4 Secretary has reviewed the ballot responses and in consultation with the Chair has decided that the Committee Draft ballot is successful and that the document be submitted to ISO for circulation as a DIS.

This document will  also available digitally through SOLIS via ftp or www http://www.nist.gov/sc4/ndocs/n1240

# Ballot Comments

**NOTE:**
**Some of these comment may have been scanned using Optical Character Recognition and have not been verified
as 100% accurate. Please refer to the original hard copy in cases of irregularities.**

## Norway

Comments to TC184/SC4 N1168: ISO/CD 10303-35,
Part 35: Conformance Testing Methodology and Framework: Abstract test methods for SDAI implementations,
dated 2001-05-31.
Comments prepared by Norway, 2001-10-31.

ISSUE NUMBER: NOR-1
AUTHOR: Jochen Haenisch
CLAUSE: 6.31
CLASSIFICATION: MINOR, TECHNICAL
DESCRIPTION: There is an Express syntax errror in atc_attribute_number in the last call to purpose: there are
+-signs on both sides of the carriage return.
PROPOSED SOLUTION: Remove on of the +-signs.
RESOLUTION

ISSUE NUMBER: NOR-2
AUTHOR: Jochen Haenisch
CLAUSE: 6
CLASSIFICATION: MINOR, TECHNICAL
DESCRIPTION: The schema SDAI_abstract_test_schema uses both schemas SDAI_dictionary_schema and
SDAI_population_schema. Those contain redundant declarations for e.g. schema_definition and entity_definition.
Similar with defined_type in SDAI_operation_schema. SDAI_abstract_test_schema can, therefore, not be
compiled.
PROPOSED SOLUTION: Improve the SDAI_population_schema in ISO 10303-22 to avoid conflicting types.
Improve the USE FROM statements of this part so that conflicting type declarations are not brought into it.
RESOLUTION

ISSUE NUMBER: NOR-3
AUTHOR: Jochen Haenisch
CLAUSE: 8
CLASSIFICATION: MINOR, EDITORIAL
DESCRIPTION: The name of the schema greek may lead to misunderstandings.
PROPOSED SOLUTION: Change the name of the schema greek to something more meaningful that relates it to the
scope of this part.
RESOLUTION

ISSUE NUMBER: NOR-4
AUTHOR: Jochen Haenisch
CLAUSE: 6.147 to 6.167 and 7.3.1 to 7.3.107
CLASSIFICATION: MAJOR, EDITORIAL
DESCRIPTION: The functions and procedures in these sub-clauses are all empty.
PROPOSED SOLUTION: Provide Express contents for these functions and procedures or explain to the reader (in
addition to what is stated in 5.1) why they are empty and what he is supposed to do to make them work in this
context. This transformation from abstract to specific tests is quite important to the whole approach.

RESOLUTION

ISSUE NUMBER: NOR-5
AUTHOR: Jochen Haenisch
CLAUSE: 7.3
CLASSIFICATION: MAJOR, EDITORIAL
DESCRIPTION: error and base are mentioned as two additional parameters – without explaining them.
PROPOSED SOLUTION: Add descriptions to error and base.
RESOLUTION

ISSUE NUMBER: NOR-6
AUTHOR: Jochen Haenisch
CLAUSE: 7.3
CLASSIFICATION: MAJOR, EDITORIAL
DESCRIPTION: For a list of SDAI operations no ATCs are defined. There is no reason or impact of this given.
PROPOSED SOLUTION: Explain why no ATCs have been defined for this list of SDAI operations and what impact this has for the SDAI user and implementor.
RESOLUTION

ISSUE NUMBER: NOR-7
AUTHOR: Jochen Haenisch
CLAUSE: 6
CLASSIFICATION: MINOR, EDITORIAL
DESCRIPTION: First paragraph mentions abstract_test_suite. This term does not exist elsewhere in the document.

PROPOSED SOLUTION: Change abstract_test_suite to SDAI_abstract_test_suite.
RESOLUTION

ISSUE NUMBER: NOR-8
AUTHOR: Jochen Haenisch
CLAUSE: 5.1, 5.3, 5.4
CLASSIFICATION: MINOR, EDITORIAL
DESCRIPTION: The requiring character of the document is not well taken care of on the language.
PROPOSED SOLUTION: Use "shall" instead of "is" and "are". Examples: last sentence in 5.1; last sentence in 5.3; first and last sentences in 5.4 .
RESOLUTION

ISSUE NUMBER: NOR-9
AUTHOR: Jochen Haenisch
CLAUSE: 5.1
CLASSIFICATION: MINOR, EDITORIAL
DESCRIPTION: In items two and three in the second list of this sub-clause the procedures atc and purpose are mentioned. For the user it is at this stage not obvious what they refer to.
PROPOSED SOLUTION: Add sub-clause references to the two procedure names (see ...).
RESOLUTION

ISSUE NUMBER: NOR-10
AUTHOR: Jochen Haenisch
CLAUSE: 4
CLASSIFICATION: MAJOR, EDITORIAL
DESCRIPTION: The last sentence of the introduction the term "SDAI implementation object" is mentioned. It is not further explained.
PROPOSED SOLUTION: Add a definition for the term "SDAI implementation object".
RESOLUTION

ISSUE NUMBER: NOR-11
AUTHOR: Jochen Haenisch
CLAUSE: 4.1
CLASSIFICATION: MAJOR, EDITORIAL
DESCRIPTION: This sub-clause is supposed to state requirements. The language does not reflect this.
PROPOSED SOLUTION: Use "shall" to formulate the individual requirements. Only the last two in the list do this; those two requirements, however, have no direct link to the SDAI. Alternatively change the title of this sub-clause to be e.g. "Impact of SDAI concepts on testing".
Replace "must obey" by e.g. "obeys".